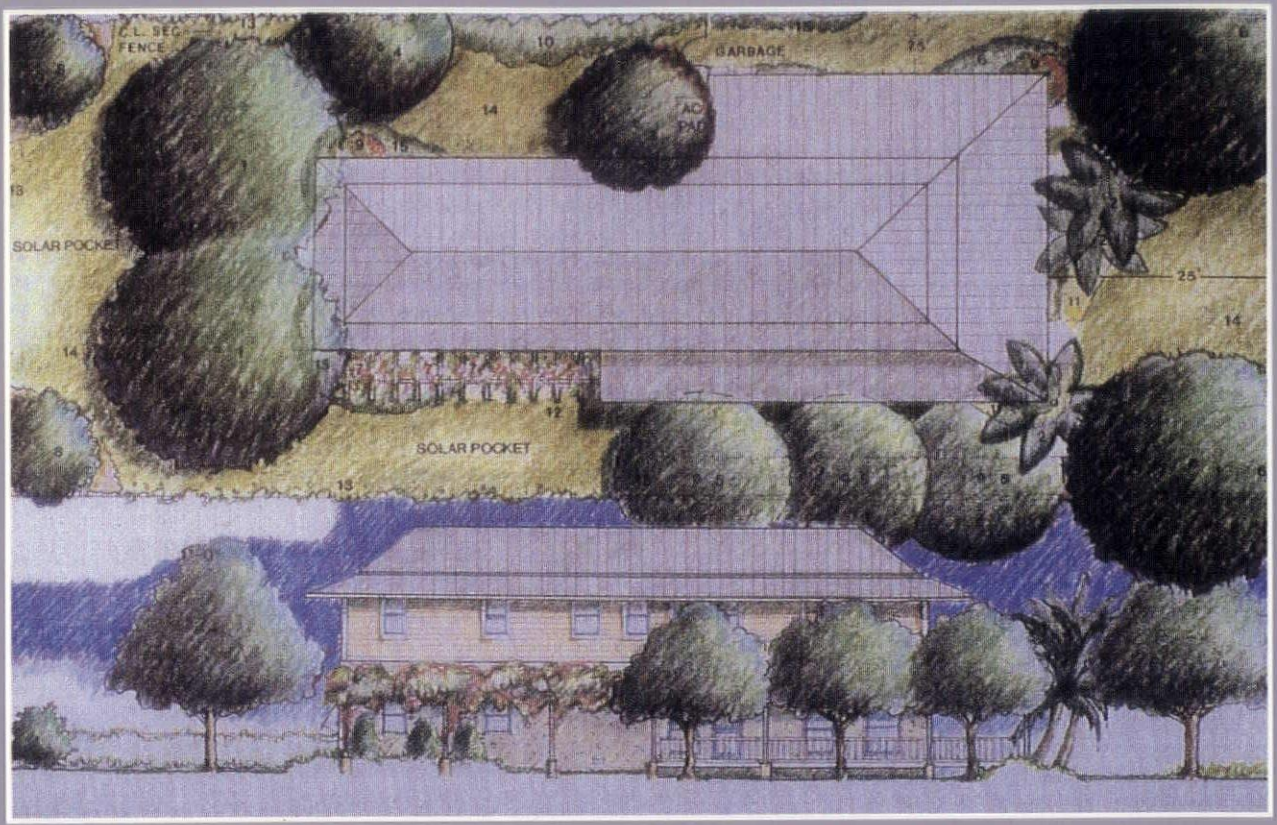
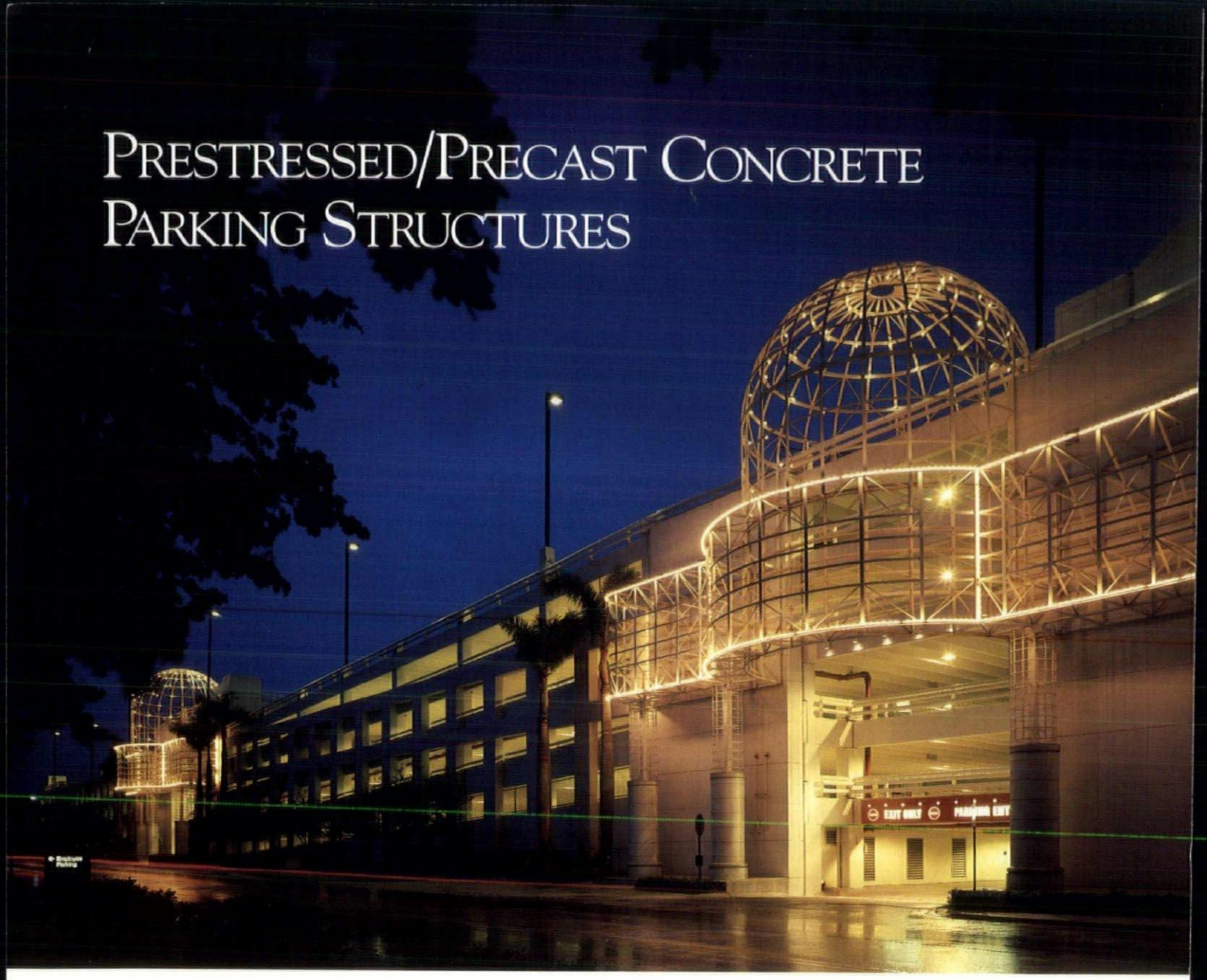
FLORIDA **ARCHITECT** Winter, 1993



AWARDS
RESTORATION
NEW DESIGN



Top Line Quality... Bottom Line Results.

Prestressed/Precast Concrete has become Florida's building system of choice for Parking Garages. The reason? An owner receives the highest quality structure at the lowest first cost. And the savings continue for the life of the garage.

Lower maintenance costs and formidable resistance to Florida's corrosive environment are characteristic of high-strength Prestressed/Precast Concrete. The resultant service life of your garage is extended adding long-term protection to your investment dollar.

Long, clear spans, made practical through a unique manufacturing process, provide a pleasing, open interior facilitating a user friendly traffic flow. The solid good looks of Prestressed/Precast Parking Structures can be displayed functionally as finished concrete or accented with attractive surface treatments.

So, before you design or build your next parking garage, consider Prestressed/Precast Concrete and... Consider your bottom line.

For a free brochure on the benefits of Precast/Prestressed Concrete Parking Structures and upcoming seminar information call or write: Florida Prestressed Concrete Association, 1850 Lee Road, Winter Park, FL 32789 • (407) 740-5297.

FLORIDA PRESTRESSED CONCRETE ASSOCIATION INC.

Circle 1 on Reader Inquiry Card

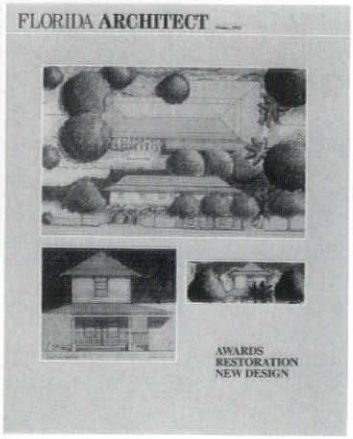
This message made possible, in part, through the contributions of the following FPCA Sponsor Members who provide quality materials and services to the industry:

Florida Wire & Cable Company
Jacksonville 1-800-433-4204

Lafarge Corp. - Florida Cements
Tampa 1-800-282-9171

Brooksville Cement
Brooksville 1-800-727-6261

CONTENTS



February 1993
Vol. 40, No. 1

Features

Architecture With A Brazilian Accent 9
Donaldson Group Architects is breaking ground on a mixed-use project in Brazil.

A House For A Horse, Of Course 10
The equine facility at the UF's College of Veterinary Medicine by Flad & Associates of Florida.

A City Lightens Up 12
Spacecoast Architects has injected new life into an old library in Satellite Beach.

A Place In The Sun 14
Manausa & Lewis' design for a new public swimming pool facility in Tallahassee.

Departments

Editorial 3

News 5

1992 AIA/Florida Graphics Awards 17

New Products 19

Chapter Awards 20

Viewpoint 22
Residential Design by Architects ... or by Anyone?
Nettie Bacle, AIA

Cover rendering of affordable infill housing by Marilys R. Nepomechie, AIA. See page 5.

Turn Your Home Into A Showplace!

Private Residence
Architect:
Michael Palladino
DECORA® Pattern

PITTSBURGH CORNING

PCGLASSBLOCK®

WINDOWS, WALLS & PARTITIONS

Satisfy your desire for elegance.

PC GlassBlock® products offer the radiance and beauty of glass . . . the strength and security of thick, break-resistant glass block.

This beautiful, versatile building material inspires imaginative designs that can transform your home into an elegant showplace! And it's available in a choice of patterns to provide the amount of light transmission and privacy you desire.

Enhance and enliven your entryway, kitchen, bath, bedroom, gameroom, stairwell . . . PC GlassBlock® windows, walls and partitions add dazzle to any part of your home . . . both inside and outside!

Ask us how American-made PC GlassBlock® can turn your home into a showplace.

Private Residence
Architect: Arthur Barrett
of South Pasadena
ARGUS® Pattern

1985 Whirlpool Project Kitchen
VUE® Pattern

For additional information on PC GlassBlock® products, call your nearest Rinker Materials Corp. location. See the Rinker yellow pages listing under CONCRETE.

CSR BUILDING IN QUALITY

Rinker

Circle 4 on Reader Inquiry Card

FLORIDA **ARCHITECT**

Florida Association of the American Institute of Architects
104 East Jefferson Street
Post Office Box 10388
Tallahassee, Florida 32302

Publisher/Executive Vice President
George A. Allen, CAE, Hon. AIA

Editor
Diane D. Greer

Assistant Publisher
Director of Advertising
Carolyn Maryland

Design and Production
Peter Mitchell Associates, Inc.

Printing
Boyd Brothers Printers

Publications Committee
Roy Knight, AIA, Chairman
Keith Bailey, AIA
Gene Leedy, AIA
Will Morris, AIA
Don Sackman, AIA

Editorial Board
Ivan Johnson, AIA
Dave Fronczak, AIA
Roy Knight, AIA

President
Jerome Filer, AIA
7438 S. W. 48th Street
Miami, FL 33155

Vice President/President-elect
John Tice, AIA
909 East Cervantes
Pensacola, FL 32501

Secretary/Treasurer
Richard Reep, AIA
510 Julia Street
Jacksonville, FL 32202

Past President
Henry C. Alexander, Jr., AIA
4217 Ponce De Leon Blvd.
Coral Gables, FL 33146

Regional Directors
James H. Anstis, FAIA
444 Bunker Road, Suite 201
West Palm Beach, FL 33405-3694

John Ehrig, AIA
7380 Murrell Rd., Suite 201
Melbourne, FL 32940

Vice President/Member Services Commission
Karl Thorne, AIA
P.O. Box 14182
Gainesville, FL 32604

Vice President/ Public Affairs Commission
Rudy Arsenicos, AIA
2560 RCA Blvd., Suite 106
Palm Beach Gardens, FL 33410

Vice President/Professional Excellence Commission
William Blizzard, AIA
11300 Fourth St. N., Ste. 100
St. Petersburg, FL 33716

EDITORIAL

This is the first of just four issues of Florida Architect which you will receive this year. The decision to cut two issues is clearly budget-driven and I hope, only temporary. Regrets for the abbreviated publication schedule aside, I hope that 1993 will be the year that the economy improves... not just for the architecture professional, but for everyone in every profession who is tired of hearing about the depressed economy. And, I hope each of you shares my fond hope that 1994 will see the return of six issues of FA and many fine projects to fill its pages.

This issue is marked by a number of articles related to awards and unpublished projects. There is no theme at work here, just a coincidence of related material arriving on my desk simultaneously. If there is a theme at work here, it is that several of the articles allude to the rebuilding of Dade County, something that all Florida building professionals ought to be concerned about. In addition, there are several features dealing with projects as disparate as equine barns and swimming pools. No theme there. Just interesting designs.

While I'm on the subject of awards, I'd like to share with you the substance of a letter (an article really) that I received last fall following the AIA/Florida Awards for Excellence in Architecture program. The author, a Florida architect, was "expecting to see the excellence" that is alluded to in the title of the awards and instead saw projects that were "uninspiring" and he inquired what the basis for the awards selection was.

As stated most eloquently, the writer asked: "Are we, in our time, so willing to accept and live and work in and around buildings that are as limited in their ability to move us to something grander than we dare ourselves to feel? Are we so willing to forfeit a grander feeling of the generosity and quality of a space, and perhaps a quieter feeling of repose and shelter? Are we so willing to relinquish a sense of the rightness of all things, of joyfulness with our humanity and our connectedness with our world? The abundance or lack of these qualities, can and will, of course, be seen in our architecture, in spite of ourselves."

It is not my place to defend the jury's choices. We may agree or disagree with any choices that any jury makes and I've often wondered if, a year later, even the jury members could tell you why selections were made. But, that's not important. What is important is that individual pieces of architecture are being recognized on the basis of a set of criteria which can be unique to a single juror or common to all three. The projects are judged on the basis of photography, not the genuine article. This is a less than perfect way of assessing architecture, or much of anything else. So, until the system of evaluating the submitted projects improves and we can assemble a jury that is truly not regionally or stylistically biased, we may not get a group of "winners" that pleases everyone...or anyone.

This probably sounds like a copout to the architect who wrote to me. Maybe it is. But, what's the alternative? That nothing of any quality is being produced in our region. I doubt that. **DG**

WHAT YOU WANT. WHEN YOU WANT IT.

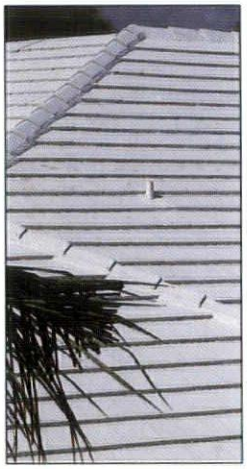
You want colors, textures and profiles?

Monier Roof Tile has more to choose from than anyone else—color-through, slurry-coated, large and small format. So no matter what type of architecture you're dealing with, Monier has the perfect complement.

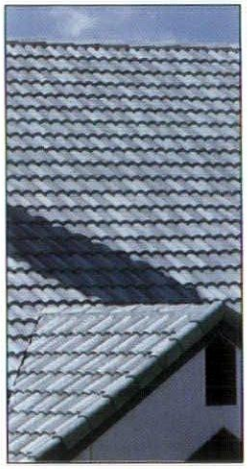
What's more, Monier now has four plants serving Florida, so you can depend on your in-stock orders being delivered quickly. You also get full technical support from Monier's on-staff installation advisors. With one call, you can get all the answers you need about specification, products and more.

Superior selection. Unbeatable service. And technical support. Monier's got it all. Call toll-free 1-800-432-2715, and you can get it too.

NOW WE'VE GOT IT.

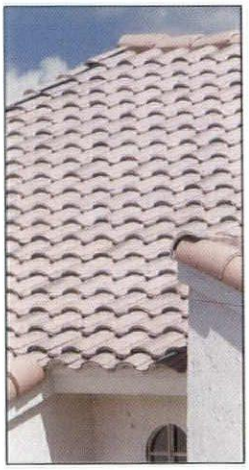


BERMUDA FLAT



VILLA

SPANISH "S"



MISSION "S"

FLAT

For MONIER and GORY tile call:

BOCA RATON 135 NW 20th Street (407) 338-8200
FT. LAUDERDALE 1900 NW 21st Avenue (305) 497-1000
LAKELAND 4425 US Highway 92 East (813) 665-3316
POMPANO BEACH 1369 Hammondville Road (305) 786-5380

MONIER ROOF TILE

Circle 11 on Reader Inquiry Card

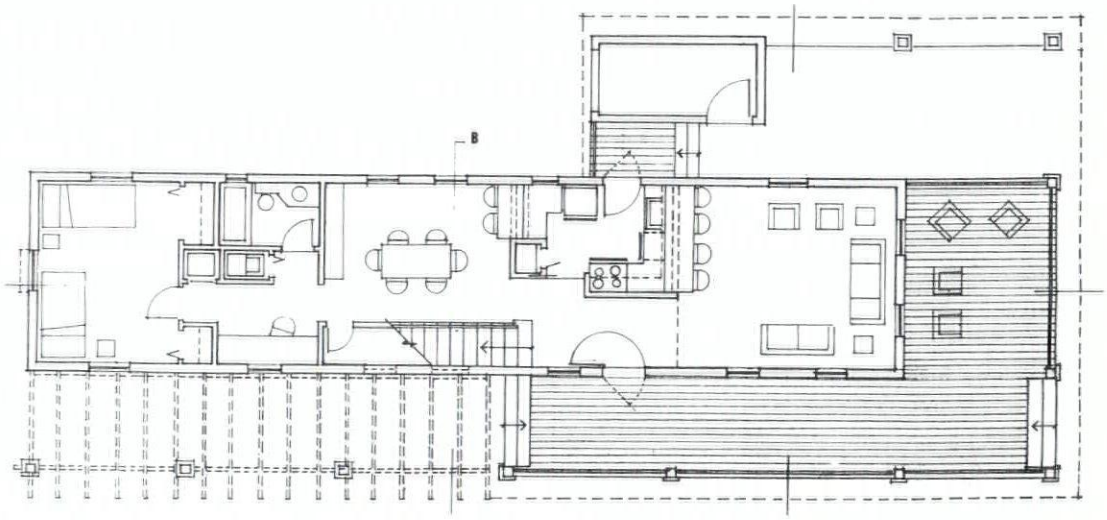
NEWS AND AWARDS

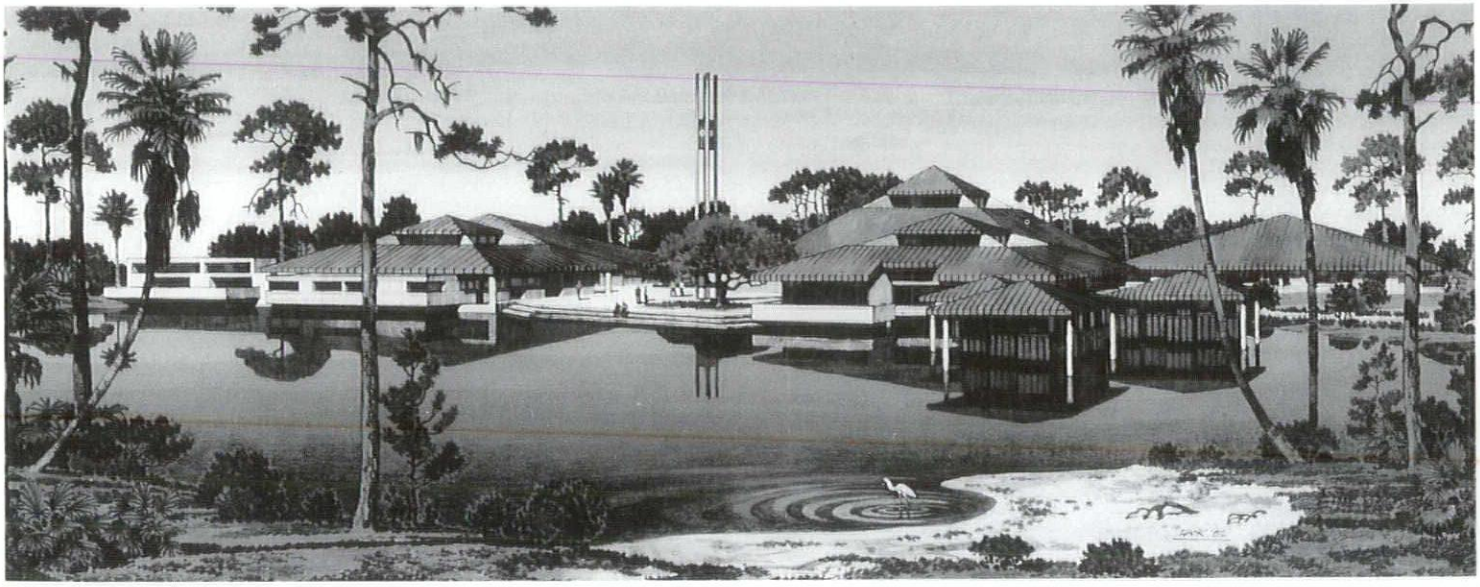
Competition Champions Affordable Infill Housing

During the summer of 1992, the City of Delray Beach and its Community Redevelopment Agency held a design competition, the focus of which was the provision of well-designed, easily maintained, affordable infill housing for the less affluent neighborhoods in that city. It was, and is, the hope of the competition sponsors that the construction of good buildings to fill "missing teeth" in the existing city fabric would shore up neighborhoods in danger of disintegration while maintaining the historic character of 1920's Delray Beach.

The First Place submittal did just that. Designed by architect Marilys R. Nepomechie, it provided, at $32 per sf, a 1250 sf three bedroom, two bath house that would fit comfortably on a narrow suburban site either in a mid-block or corner condition. A typological hybrid of traditional Florida shotgun and sideyard houses, the design submittal sought to present the quintessential tropical house - a structure only one room in depth, allowing for cross-ventilation throughout, as well as maximum privacy and considerable protection from sun and heat.

Since the competition was held, the landscape of South Florida has changed considerably. Hurricane Andrew has reconfigured the needs of South Dade in such a way that the City of Delray Beach and CRA officials have suggested that the affordable housing proposed for their context might also find fruitful application in devastated areas of South Dade County. At only 14 feet in overall width, the proposed house might prove to be a viable alternative to the mobile homes that were so completely destroyed in the hurricane. At present, architect Nepomechie is exploring ways to fulfill that potential.





Richard Allen Awarded For Educational Facilities

Richard G. Allen Architects, Inc., has been named the recipient of the James D. MacConnell Award which recognizes the significant contributions made to the profession of planning educational facilities. The award was presented to Allen during a ceremony attended by members of the Council of Educational Facility Planners, International (CEFPI) in San Diego, California. The award-winning project is the Manatee Community College South Campus in Venice, Florida.

According to the architect, "Something different was needed at the Venice campus...something that took the site and the climate into consideration and expressed the relationship with the area." What evolved was a village concept which met with great approval from students, faculty and staff.

CEFPI Executive Director, Tony J. Wall, describes the MacConnell Award as "the most significant project award in educational facilities today. The award encompasses all aspects of delivery of a school project - quality planning, design and construction."

Richard G. Allen Architects, Inc. has been practicing in Sarasota since the mid-1970s. The firm bases its designs on the "form follows function" theory and the necessity of a structure to respond to its context and environment.

Resource Guide Available From FPL

As the rebuilding of Dade County begins and rapid growth thoughout the state continues, professionals involved in the building process have a unique opportunity to make South Florida more energy-efficient.

With that in mind, FPL has developed the "Rebuild Resource Guide", a handbook designed for Dade residents who are rebuilding their homes due to the hurricane. The Guide, which is available free of charge, was written to educate consumers and building professionals on how to rebuild to lower home energy use.

The Guide addresses a variety of energy-efficient options including site orientation and lifestyle amenities. FPL wants building professionals and consumers to be fully aware that simple design and construction decisions made during the rebuilding stage can significantly decrease monthly utility bills.

The Guide may be received by contacting FPL at (305) 552-2814.

Planning Council Gives "Future of the Region" Award

Harvard, Jolly, Marcet & Associates, Architects, P.A., AIA, of St. Petersburg, has been awarded the Meritorious Award for Outstanding Achievement in the Development Category for the design of the Seminole Community Library by the Tampa Bay Regional Planning Council 1st Annual "Future of the Region" Awards.

The new Seminole Library has already exceeded the expectations of the library and city staff in terms of utilization. Book and library material circulation has increased by five times the amount formerly used. New member registration increased from 150 members per month to 3,100 new members in the first month of the library's operation.

The $1,530,000 project was designed by the Harvard Jolly team of Jonathan R. Toppe, AIA, as Principal-in-Charge, Ward J. Friszolowski, AIA, as Project Architect, and Jacquelyn S. Spears, ASID, as Interior Designer. It is a light, airy, functional facility which provides complete library service, including periodicals, videos, a fully-staffed children's library and reference. In addition, the library includes a 3,000 sf Community Center which can be subdivided into three separate meeting rooms. The facility has already begun to serve as a focal point for community activities.

CORREX

The credit which was given for the drawing of the Martinez House, which appeared on the cover of the November/December, 1992, issue of FA, was incorrect. The project was the recipient of an AIA/Florida Unbuilt Design Award and the designers of the house were Tom A. Spain and Rolando Llanes as associated architects. Apologies to Mr. Llanes, whose name was deleted from the credits on the cover and the project description.

Tampa Theatre – Architect: John Eberson, 1926
National Register of Historic Places

GEORGE COTT

Architectural/Interior Design Photography

CHROMA INC ■ 2802 Azeele Street ■ Tampa, Florida 33609 ■ (813) 873-1374

Circle 30 on Reader Inquiry Card

WHEN BREVARD COMMUNITY COLLEGE ASKED FOR HELP LOWERING THEIR ENERGY COSTS, WE GAVE THEM AN ICY RESPONSE.

We showed Brevard Community College that adding a thermal energy storage system to their air conditioning system could reduce energy costs significantly.

It's really simple how it works. The system makes ice during off-peak hours when rates are lower. It then uses the ice to cool during peak rate periods.

We also helped them learn how to cut energy costs simply by switching to more efficient lighting and utilizing an energy management system that shuts off lights and equipment when rooms are not in use.

Over seven years, Brevard Community College saved nearly $3 million on energy costs–money that could be put back in to education.

If you would like to find out how our Business Energy Evaluation can help your business cut energy costs, call *1-800-FPL-5566.*

THE POWER TO IMPROVE YOUR BUSINESS℠

FPL

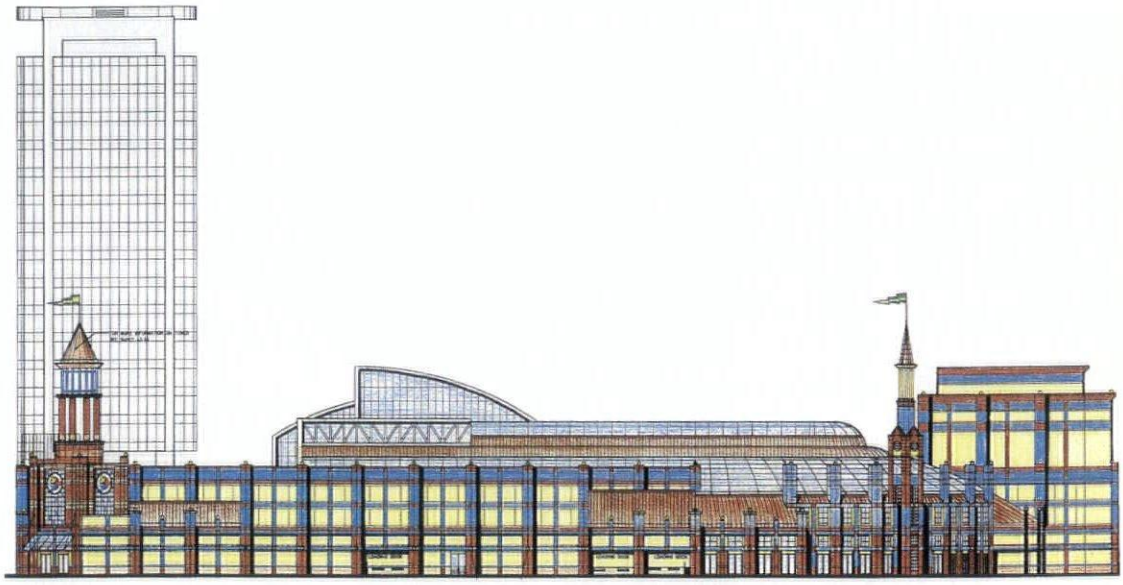
an FPL Group company

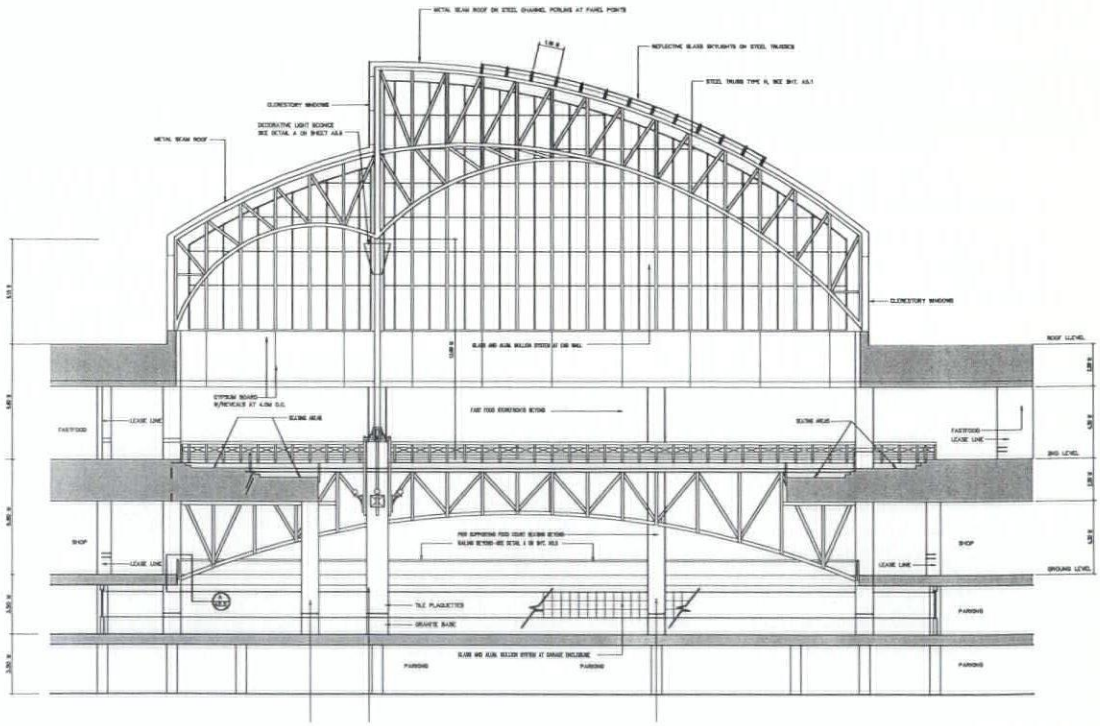
Circle 5 on Reader Inquiry Card

Architecture With A Brazilian Accent

Morumbi Mixed Use Center
Sao Paula, Brazil

Architect: Donaldson Group Architects, Boca Raton
Principal-in-Charge: Barry Donaldson, AIA
Lead Project Designer: David Herbert
Asst. Project Designers: Danilo Guiso, Ashley Long
CADD Production: Brian Honaker
On-site Architect: Roberto Linhares, Linhares, LTD. Sao Paolo
Owner: La Fonte Empresa De Shopping Centers S.A.





Elevation and section courtesy of the architect.

A small site zoned for mixed use in the Morumbi District just outside Sao Paolo represented a unique challange for Florida architects. The site is fronted on one side by an interstate and on the opposite side by an aging shopping center known as Morumbi. The intention was to create a retail/office center for the Brazilians that provides a spirited shopping environment within the festive and colorful vocabulary of Brazilian architecture.

The Morumbi Center, now under construction, consists of a 16-story office tower floating above the retail complex, a collection of shops, a festival food market, two department stores, a food court, a 600-seat theatre with stage and two movie theatres surrounding a 30,000 sf themed entertainment center. This space becomes the interior focal point of the project acting as a central plaza around which all the elements are organized.

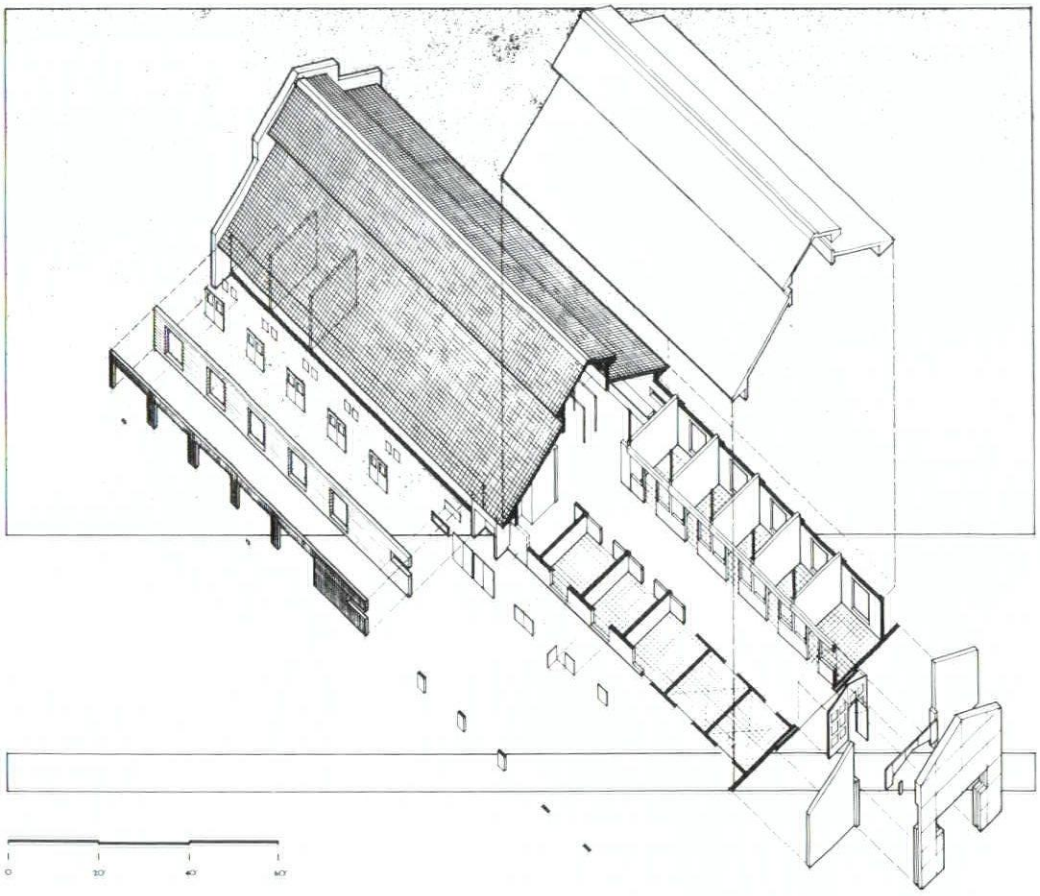
Shoppers arriving from either of the two below grade parking levels will first see an abundance of curved turquoise steel trusses which rise five stories. These trusses are supported on brick and granite piers which float on multicolor terrazzo floors. The image of turn-of-the-century railway stations is recalled in the decorative metal light fixtures and railings. These forms and materials culminate in the 85-foot high themed entertainment center which will include such rides as a balloon lift and swinging ship.

The exterior of the center is the product of the complexity of both the diverse interior spaces and the odd L-shaped site. Tall decorative towers signal and strengthen the corners of the center and repeat the materials used on the interior. The four main facades that are crowned in various places with curving red metal roofs are detailed with intricate patterns of tile plaquettes which are manufactured in Brazil.

A House For A Horse, Of Course

College of Veterinary Medicine
University of Florida
Gainesville, Florida

Architect: Flad & Associates of Florida
Prinicpal-in-Charge: John Blassick
Project Manager/Designer: Paul Luther
Project Architect: Bob Filippi
Interiors: Valerie Walker
Consulting Engineers: Mechanical/Electrical/Fire Protection - Affiliated Engineers, P.E.
Civil/Structural - Blum Schumacher & Associates
Landscape Architect: Flad & Associates
Owner: Florida Board of Regents
Contractor: Charles R. Perry Construction



Like the anatomy of the horse itself, this building layers inward along a central spine. Not just a barn, but a facility which addresses the comfort, sanitation and safety of the horse, was envisioned within an easily-maintained and durable enclosure. The facility contains the examination, treatment and housing needs of its prized patients.

The equine facility has two components of 8,800 sf each consisting of treatment and housing facilities. Housing provides 20 single stalls and 16 mare/foal stalls with veterinary support spaces. Buildings are of masonry bearing wall with wood-framed, metal-covered roof. Exterior surface is split face block veneer with precast quoins and coping. Entrance surrounds are stucco and stall floors and base are heavy rubber tile.

Due to the existing air quality problems of previously developed facilities, individual, naturally-ventilated components were developed. Large operable exterior openings allow air to pass through paddle-fanned

Just the way you pictured it.

From concept to construction, you never lose sight of the design you first envisioned. You know how every finished detail should look.

And we're here to help.

From the broadest range of colors and styles available today, you can select the ideal roof tile that gives your structure the appearance you want.

The final touch that makes it stand out from all the rest — just the way you pictured it.

Lifetile. We stay progressive because we listen.

LIFETIL

Fire-Safe roofing with the Concrete Advanta

Rialto, California (714) 822-4407	Stockton, California (209) 983-1600	Casa Grande, Arizona (602) 836-8100	Katy, Texas (713) 371-2634	San Antonio, Texas (512) 626-2771	Lake Wales, Flo (813) 676-940

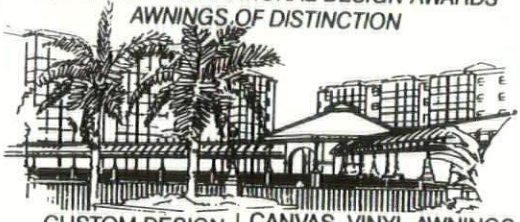
Member of National Tile Roofing Manufacturers Association, Inc.

LIFETILE is a division of BORAL INDUSTRIES, INCORPORA

Circle 29 on Reader Inquiry Card

AWNINGS BY JAY

WINNER OF INTERNATIONAL DESIGN AWARDS
AWNINGS OF DISTINCTION



CUSTOM DESIGN
FABRICATION-INSTALLATION

CANVAS, VINYL AWNINGS
CANOPIES, CABANAS, CURTAINS
CUSHIONS, CUSTOM WELDING

844-4444

RESIDENTIAL • COMMERCIAL • INDUSTRIAL

MEMBER I.F.A.I.

LICENSE #U-10179

Circle 24 on Reader Inquiry Card

PROFESSIONALLY PREPARED
ESTIMATES

WE DELIVER AN UNBIASED, INDEPENDENT, ACCURATE OPINION AND ESTIMATE OF:

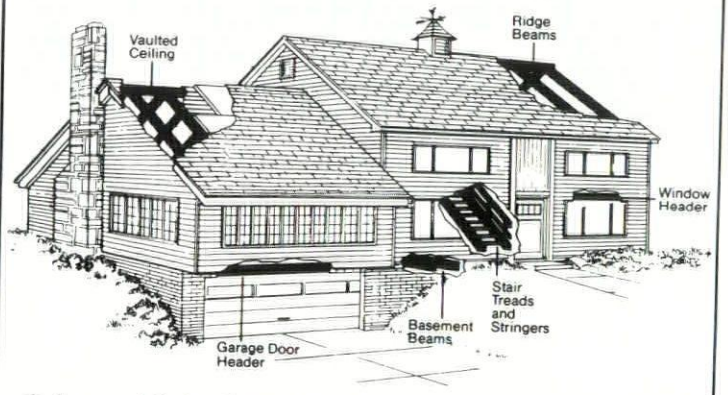
Design and Development Costs
Theme Park and Leisure Entertainment Costs
Construction Costs
Contractor Evaluation
Bid Evaluation
Change Order Analysis
Delay and Impact Claims
Expert Witness Service
M-CACES (Corps of Engineers) Estimates
CES (NAVFAC - Navy) Estimates
International and Foreign Markets
Specialist in Prototype (one-of-a-kind) Projects
Environmental Restoration Costs

Contact: Michael Thornton
ASSOCIATED COST ENGINEERS, INC.
4201 Vineland Road, Suite I-12
Orlando, Florida 32811-6626
(407) 425-0612 • Fax (407) 425-0354

Circle 7 on Reader Inquiry Card

SPECIALTY TIMBERS

P.O. Box 422347 • Kissimmee, FL 34742-2347
407-933-6595 • 800-345-5361
FAX No. 407-933-8469



* Largest Selection in Florida of In Stock AITC Certified Glulam Beams and LVL's

* **BUILDING CODE ACCEPTANCE — SBCCI ACCEPTANCE as well as acceptance in all jurisdictions throughout the U.S.**

ASSOCIATE MEMBER

* Residential, Industrial, Commercial and Institutional Buildings and Bridges

Circle 9 on Reader Inquiry Card

DESIGN SECURITY INTO YOUR BUILDING!

Atlas Safety & Security Design, Inc. is a full service, independent, non-vested security consulting firm servicing architects, private sector, and government agencies. We design systems for intrusion detection, perimeter protection, weapons screening, electronic and detention locking systems, access control, communications, ADA barrier free accessibility features, criminal justice facility programming, and Crime Prevention Through Environmental Design. (CPTED).

We conduct vulnerability/risk and threat analysis in order to develop security systems drawings, specications, bid documents. We also conduct shop drawing review, installation supervision, and cost estimates. When it comes to security design, architects turn to

ATLAS SAFETY & SECURITY DESIGN INC.

For more information and qualifications, contact:

Randall Atlas, Ph.D., AIA, CPP
1 Palm Bay Court
Miami, Florida 33138
(305) 756-5027
FAX: (305) 754-1658
1-800-749-6029

Circle 19 on Reader Inquiry Card

Loosen Up.

That File Drawer
And Trash
Outdated AIA
Documents.
Call Us For An
Up-To-Date List
And Supply.

Florida Association/ American Institute of Architects

Marianne Jensen

(904) 222-7590

The Gift of Life

The children at St. Jude Children's Research Hospital take life one day at a time. At St. Jude, every second counts. The children here are fighting for their lives.

The doctors and researchers at St. Jude are working to defeat the deadly enemy: childhood cancer. Since St. Jude Hospital opened in 1962, it has forged new treatments for childhood cancer and has helped save the lives of thousands of children around the world. But the battle has just begun.

You can join the fight. To find out how you can help, write to St. Jude, P.O. Box 3704, Memphis, Tennessee 38103, or call 1-800-877-5833.

ST. JUDE CHILDREN'S RESEARCH HOSPITAL
Danny Thomas, Founder

architectural fee. Because residences are small in scale yet have the same components as larger buildings, the documents required are extensive relative to the cost of the project and to the fees that homeowners are willing to pay. All of this combines to make it too expensive for an architect to specialize in residential design. This can be particularly devastating to female architects who have traditionally been edged out of commercial architecture, but would be able to sustain a practice in residential design. On the flip side of the issue is the fact that it is not profitable for architects to design residences as part of a general practice because they are so time-consuming.

If there were a law passed whereby more types of residences were designed by architects, the design and permitting process would need to be streamlined and some consideration given to the liability risks facing architects. There is no logical reason why an architect should be responsible for a project for fifteen years. Manufacturers of the various building components have very short warranty periods on their products and the contractors who construct the buildings are mostly free of responsibility within a year of building completion.

The point is that all four people involved must realize that architects make an important contribution to residential design just as they do to commercial and institutional design. So long as government does not legally require architects to design homes, the homeowners, contractors and public authorities will continue to have a diminished respect for the architect's role. In order to revamp the system to make it practical for these changes to occur, the whole process of designing and building homes needs to be simplified, from permitting to code enforcement to insurance.

Florida Architect Reprints

Promote your firm and your firm's logo. Get reprints of articles featuring your firm's work for use as a public relations tool.

For more information call Carolyn Maryland at 904-222-7590.

SPECIALISTS IN INSURING THE DESIGN PROFESSIONAL WITH COMPETITIVE PROFESSIONAL LIABILITY PROGRAMS

INCLUDING THE FOLLOWING VALUE ADDED SERVICES
CONTRACT REVIEW
LOSS PREVENTION
RISK MANAGEMENT

OTHER AVAILABLE COVERAGES
PROJECT COVERAGE
UMBRELLA LIABILITY
COMMERCIAL GENERAL LIABILITY
COMMERCIAL AUTOMOBILE LIABILITY
WORKERS' COMPENSATION

THE ONLY A/E PRONET MEMBER IN FLORIDA
W. MEADE COLLINSWORTH, CPCU, ARM, AIM, AAI
COLLINSWORTH, ALTER, NIELSON, FOWLER & DOWLING, INC.
15979 N.W. 151ST STREET, SUITE 105, MIAMI LAKES, FL 33014
305-822-7800 • FAX 305-362-2443 305-463-8601
Circle 10 on Reader Inquiry Card

Express your imagination with
GLASS BLOCKS
OVER 60 DESIGNS • SIZES • COLORS

HIGH SECURITY
THERMAL INSULATION
SOUND INSULATION
LIGHT TRANSMISSION

GLASS MASONRY INC.
P.O. Box 8325
Pembroke Pines, FL 33024
(305) 584-8774
FL 800-940-4527 • NATL 800-456-7093
Circle 37 on Reader Inquiry Card

VIEWPOINT

Residential Design By Architects...Or By Anyone?

by Nettie Bacle, AIA

Architecture is not a luxury. It is an essential part of modern living and should be treated as such. Recent damage to houses in South Florida as a result of Hurricane Andrew attest to the fact that residential buildings are not architecture at all, but are the work of anyone wishing to construct a building for human habitation.

We, as architects, should be much more concerned with this much-ignored segment of the built environment. Why haven't we been?

One possible answer is that in Florida "dwellings" for one and two-family occupancy are not legally considered architecture and are not required by law to be designed by a registered architect. Only recently, and especially after Hurricane Elena in 1985, have coastal dwellings been legally elevated to the status of architecture. Since then, by special legislation of the State of Florida and by criteria imposed by the Federal Emergency Management Agency, the construction of dwellings in coastal areas, those outside the Coastal Construction Control Line (CCCL) and those exposed to wind and flood, require construction documents to be signed by an architect or an engineer. These critical areas are rarely easily definable, are constantly changing and their locations are a mystery to almost everyone, including some of the authorities who are supposed to enforce the building code. First of all, the CCCL is often shown as a wavy unsurveyed line on the plat maps. Also, many laws relating to residential construction are ambiguous as to interpretation and lax as to enforcement. Architects and engineers must spend an inordinate amount of time trying to resolve these ambiguities and potential homeowners do not understand why the process takes so long.

In Florida, architects are not employed for the design of most dwellings and so there is no one acting on behalf of the homeowner to see that construction is in accordance with building codes and with the eccentricities of nature. The one exception might be a concerned building inspector. In some jurisdictions, the only inspections required are for the septic tank.

Hurricanes are obviously not the only threat to dwellings. So are sinkholes, shifting sand, torrential rain, floods and fire, although most of these potential perils are ignored in residential design and construction that does not utilize the services of an architect. Architects are trained to address these problems and their innovative solutions add interest and individuality to the homes that they design.

The mystery about hiring architects to design homes is shrouded in ignorance about the services that architects perform, in the politics of neglect and greed and in the time-honored notion that a man's home is his castle and he will build it as he pleases. Unfortunately, this leaves homeowners with shoddy construction and many architects without work. It seems to take a disaster to prompt people to ask why buildings fall down and who's to blame. Ironically, much of that blame is targeted at architects.

Using an architect does not insure that a house will not fall down, blow away or fall into a sinkhole. What it does insure is that careful attention has been paid to building codes and local conditions and that necessary testing such as soil analysis will be accomplished before construction begins.

The decision to require architects to design dwellings is a four-sided consideration involving the homeowner, the contractor, the building official and the architect. Each entity has reasons why the services of an architect should or should not be required. The dominant factors include finances, aesthetics and public safety and the importance of each. Above everything else, however, is the fact that every house should be safe for human habitation and suitable to its environment whether it's a tract house, a custom-built home or a prefabricated home.

It must be stated that the standard AIA agreement forms, with either the architect or the contractor, are written with jargon that can be very confusing to the layman. In addition, most people are surprised to find owner responsibilities included in the contract, a fact which usually leads to the hiring of an attorney to review and explain the document. An alternative form of contract, a letter of agreement, is usually drafted by the architect during the pre-project phase and he or she is rarely compensated for the task.

Contractors' attitudes vary from those who would like to see architects design everything they build because it relieves them of guesswork and problem-solving and those who think an architect is merely a nuisance. In Florida, the one who "pulls the permit" is responsible for the construction and it may cost the contractor more to do the job when an architect insists that all rules are closely followed and craftsmanship is excellent.

Confronted with a situation in which the contractor tells the homeowner that architects tend to over-design everything, the best solution might be to ask the homeowner to transfer the structural and engineering design contracts to the contractor and let his engineers sign off on that part of the work. This removes both fees and responsibilities from the architect and if the engineer and contractor are reasonable people, they usually try to follow the architect's conceptual design and even assist in locating materials and working out construction details in the field. When an architect is not hired for the bidding and construction phases of the project, a trustworthy contractor is an asset to the architect because of their mutual interest in pleasing the homeowner and complying with codes. Experienced contractors are well aware of the services an architect performs and they seem to appreciate the expertise they bring to the project.

While most public authorities appreciate the efforts which architects make on behalf of guarding the public safety, their politics often disagree when it comes to hiring architects to design residences. The disagreement seems to stem from the fact that they feel it is one more expense that has to be borne by the homeowner and might prevent the construction of an otherwise affordable home. However, in the aftermath of a tragedy like Hurricane Andrew, these same authorities seem to believe that the expertise of an architect or an engineer should be required for residential design. Abundant opportunities for inferior work exist in many places where there is not a qualified building official to perform thorough building inspections. Where no such person exists, the homeowner is left with the responsibility for monitoring construction.

While residential design might be very rewarding to a number of architects, it seems that most of Florida's housing design is in high risk locations that are subject to severe storm damage. The cost of liability insurance can be prohibitive, the reliability of insurers can be questionable and homeowners do not want to pay for this insurance if it is outside the normal

Broward Chapter

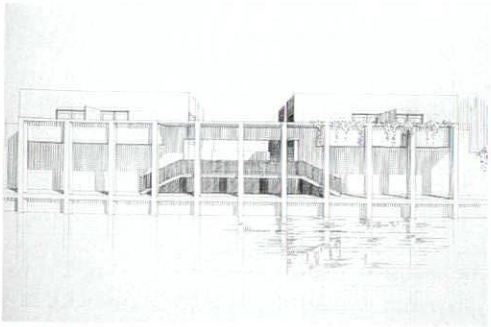
Award of Excellence
Miles Residence
Robert J. Vick, AIA, Tuthill Vick Architecture

Jury: "Everything is taut, available to the outside, beautifully constructed and a wonderful solution."

Photography by: William H. Sanders

Honorable Mention
Deerfield Utilities
Maintenance Facility
Robert McDonald & Associates
Designer: Ronald G. Trebbi, AIA

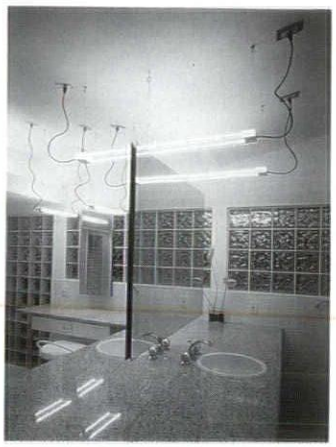
Photography by: William H. Sanders



Honorable Mention
Noble House
Terrence O'Connor Architect

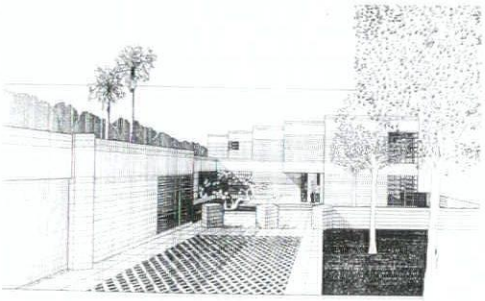
Photography by: William H. Sanders

Award of Merit
Poinciana House
William S. Hoffman, Hoffman Arts and Architecture, with John E. Meeks, P.E.



Jury: "(This renovation was) done with style and a real love of details. The bathroom is a craft, in and of itself, and the creation of a loggia is to be applauded."

Photography by: William H. Sanders



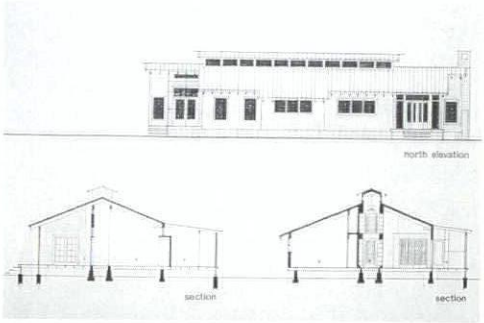
Honorable Mention
Star Island Residence
Donald Singer Architect
Designer: Donald Singer, FAIA
Project Architect: Craig Barry

Photography by: William H. Sanders

Award of Merit
School for the Severely Emotionally Disturbed
Michael A. Shiff & Associates
Designers: Richard Buell, AIA & Lyn Graziani, FAIA

Jury: "This project is beautifully handled and very strong, very well organized."

Photography by: William H. Sanders



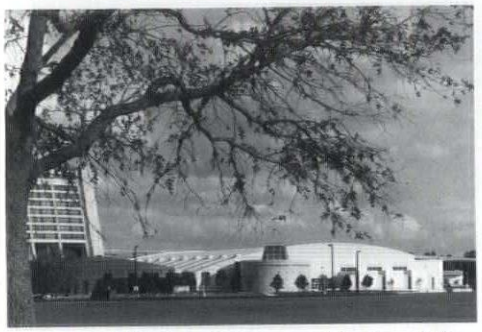
Honorable Mention
Sebastian House
William S. Hoffman, Hoffman Arts and Architecture

Photography by: William H. Sanders

Chapter Design Awards

Orlando Chapter

Honor Award
Disney's Contemporary Resort Meeting Facility
Gwathmey Siegel & Associates, New York



Jury: "Skillfully thought out transition to existing building. Usually projects of this nature are very large and overwhelming, but this design reflected the architect's sensitivity to the human scale. A simple, sophisticated and polished composition."

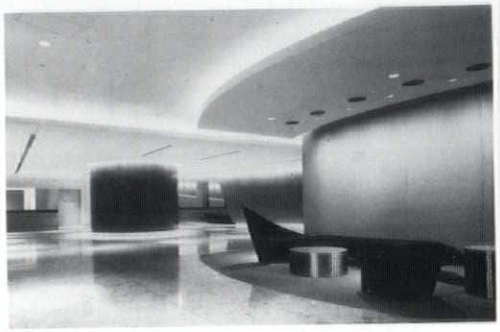
Photography by: Esto Photographics - Peter Aaron

Honor Award
Team Disney Office Building
Arata Isozaki & Associates, Tokyo and
Hunton Brady Pryor Maso Architects, Orlando

Jury: "Fantasy architecture at its best. The architect accepted a basic office building program and created a beacon of quality and imagination. Superior use of natural light."

Photography by: Esto Photographics - Jeff Goldberg

Merit Award
Disney's Contemporary Resort Hotel Lobby
Daroff Design Inc. and
DDI Architects, Philadelphia



Jury: "Engaging use of form. Lighting design promotes a sense of mystery which is harmonious with the overall minimalist approach. Very seductive in its appeal. Color, form and function merge as one."

Photography by: Esto Photographics

Merit Award
Orange County Juvenile Justice Center
Hunton Brady Pryor Maso Architects, Orlando

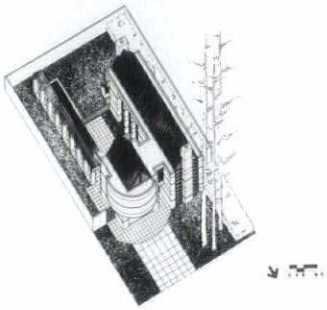
Jury: "A well-organized, logical and intelligent plan. The architect expressed sensitivity to the intention of the program, providing good separation of public and protected areas. The design reflects a true sense of civic permanence."

Photography by: Stephen C. Traves

Merit Award
Orlando International Airport Major Expansion
KBJ Architects, Orlando

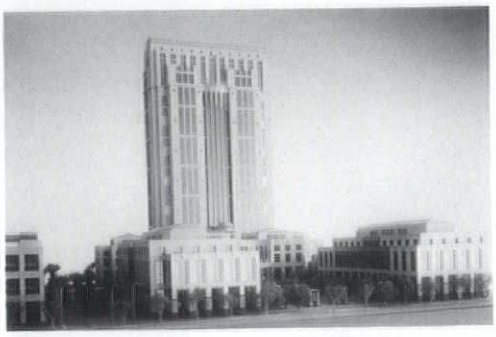
Jury: "In this expansion, one senses an immediate feeling of futuristic flight, yet the spaces provide a welcoming to Florida's tropical environment. You know you're not in Kansas anymore."

Photography by: Cheuvront & Associates



Axonometric

Merit Award for Unbuilt Projects
The Maso Residence
Hunton Brady Pryor Maso Architects, Orlando



Merit Award for Unbuilt Projects
Orange County Courthouse
Hansen Lind Meyer Inc., Orlando

Kalwall is pre-engineered and factory prefabricated so installation is fast, easy and permanent.

For more information, contact Kalwall at (603) 627-3861.

New Series Added To Kenergy Skylights

The latest addition to Kenergy's family of glass and polycarbonate skylights is the Malibu Series, consisting of step-flashed and curb-mounted skylights which are energy-efficient and trouble-free. Each unit features dual-sealed Sun Plus4 Low-E argon-filled glass for significantly higher R values and superior thermal performance. The skylights have no-maintenance, extruded aluminum-clad exteriors and natural wood interiors.

Whether the roof is steep or horizontal, Kenergy's curb-mounted skylights provide leak-proof installations on any roof pitch from 0:12 to 9:12. Curb-mounted units feature an integral, pre-punched 4" nailing flange for fast installation, as well as full-perimeter gasket that creates a weather-tight seal between the curb and the skylight.

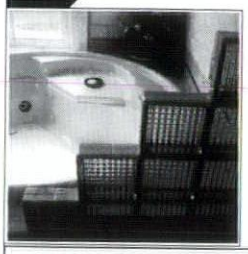
A full range of skylight options are available from Kenergy, including a motorized or manual control for smooth operation, the SkySentry system that automatically closes the skylight when it starts to rain and distinctive sun shades that are energy-efficient and attractive.

For more information, contact Kathy Pacelli at 800-347-9334.

NEW

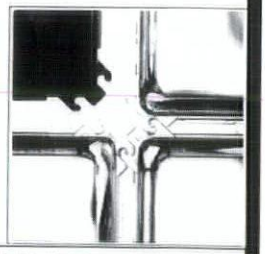
DECO-BLOC™

All you ever wanted to do with Glass Block but couldn't...



Now you can with DECO-BLOC.

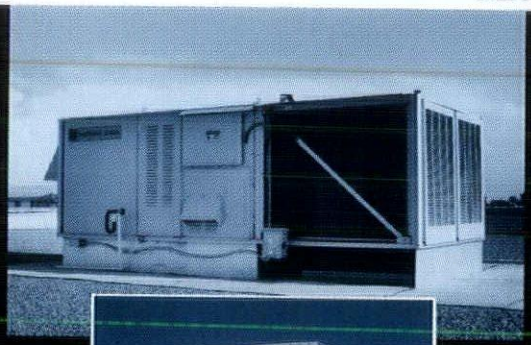
•5 times lighter & 200 times the impact strength of glass block •Higher R value •Stronger–made from LEXAN® with special UV coating •Snap-Lock installation feature •Drill or saw-cut •Available grout system–no more messy mortar •Standard & custom colors available •Call today for FREE brochure.



DIMENSIONAL SURFACING, INC.

In Fla. 1 800 940-4527 Outside Fla. 1 800 456-7093

Circle 2 on Reader Inquiry Card



Chill-out. Cash-in.

NATURAL GAS CHILLER KEEPS COST IN LINE.

When Southern Telephone Systems needed to replace the air conditioning system for their 10,000 square foot building, they naturally took the innovative approach — with a 15-ton natural gas unit. "Saving money is just smart business. We've had no problems and have definitely seen a reduction in our utility bills," said Carol Fox, vice president.

For information call: (813) 291-4040

Natural Gas. Good for Florida, good for you.

Circle 31 on Reader Inquiry Card

Florida Natural Gas Association

NEW PRODUCTS AND SERVICES

New Windows With Transparent Heat-Reflecting Film

Kensington Manufacturing Company in Leechburg, Pennsylvania, will use Heat Mirror film and Heat Mirror Plus technology from Southwall Technologies to manufacture insulating glass windows.

Kensington will use this new technology to produce five different window lines to be distributed in sixteen states, including Florida.

Southwall Technologies is the worldwide leader in thin film technology. The company designs and produces thin film coatings that selectively absorb, reflect or transmit certain types of electromagnetic radiation. The company's products are sold into the building, energy conservation, electronics and aerospace markets.

Kensington is one of the nation's leading fabricators of vinyl replacement windows. Insulating glass windows made with heat mirror film will save energy, reduce noise level, provide condensation control and help protect furniture, fabrics and plants by blocking the sun's ultraviolet radiation.

Southwall is located in Palo Alto, California at (415) 962-9111 or FAX 415/967-0182.

CertainTeed Introduces FungusBuster 25

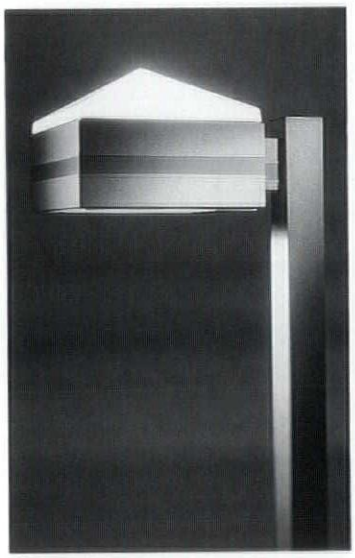
CertainTeed has introduced a new version of the durable and highly popular XT 25 shingle that now provides a powerful protection against algae discoloration. The new material, called FungusBuster 25, is a logical response to the markets where ugly black and green algae streaking is a problem.

FungusBuster 25 is 235 pounds per square. The addition of zinc granules to the colored surface granules helps FungusBuster provide special protection against fungus contamination of the shingles on a home. It features self-sealing strips that use the sun's heat to seal the roof tight against extreme weather conditions.

FungusBuster comes with a 25-year warranty, which includes a full 25 years of fungus resistant coverage, as well as five years of CertainTeed's Sure-Start protection.

FungusBuster 25 carries a U.L. Class A fire resistance rating. The product is available in eight colors and it is sold only in the East Coast region.

For more information, write to CertainTeed Corporation, Residential Roofing Division, FungusBuster 25, P.O. Box 860, Valley Forge, PA 19482 or call 800-322-3060.



Versatile Outdoor Lighting From LSI

LSI has introduced a versatile new line of lighting that offers a wide selection of mountings, housings, reflectors and detail options. Known as the Seabrook series, it offers consumers a single-source lighting solution.

Where architects, designers and lighting engineers formerly had to select from a multitude of products to create a cohesive design statement, they can now rely on a single product series to fill both pure architectural and functional lighting applications.

The Seabrook combines optical brilliance with high aesthetics. A full range of photometrics allows you to apply Type III, Type V Square and Forward Throw patterns. Two housing sizes and mounting options – pole top or arm-mount – are available.

Ease of maintenance is a prime design consideration. A removable ballast tray makes the fixture simple to service and easy, toolless access to the fixture is facilitated through two spring-loaded latches on a self-hinging extruded aluminum door. All reflector systems are field-rotatable.

For additional information about other special features including impact-resistance, color selection and special finishes, contact LSI Lighting Systems, A Division of LSI Industries, Inc., 10000 Alliance Road, Cincinnati, OH 45242.

Kalwall Survives Hurricane Andrew

Florida architect David Wolfberg of the firm Wolfberg, Alvarez and Associates saw the wind and rain of Hurricane Andrew ravage his home for well over an hour. As doors and windows blew out and his son was thrown 20 feet across the room, he fully expected his Kalwall skylight to blow out. At storm's end, the skylight was intact.

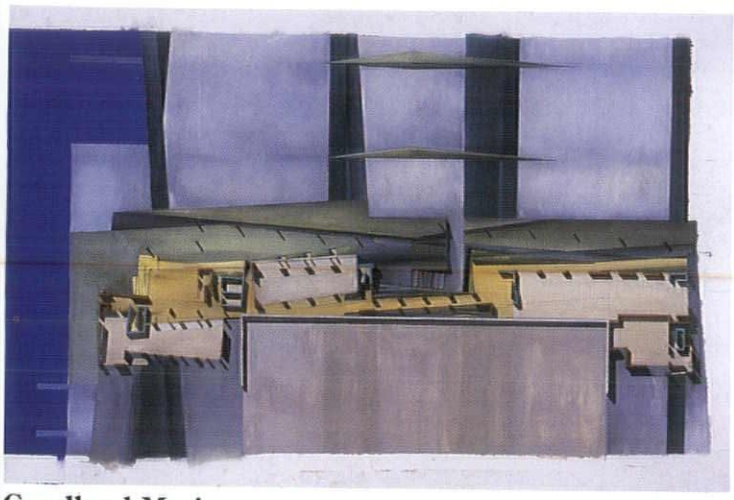
The primary element of the Kalwall System is a structural composite sandwich panel formed by permanently bonding specially formulated, reinforced, translucent fiberglass sheets to a grid core constructed of interlocked, extruded structural aluminum I-beams. The panels can be curved or flat. A permanent erosion barrier means enduring performance and little upkeep.

Through the devastation of Hurricane Andrew, Kalwall's skylight remains intact.

1992 AIA/Florida Graphics Awards

This new awards program was implemented to recognize and encourage excellence in graphic communications in architecture. Entrants were judged on the quality and effectiveness of the graphic design submitted rather than on the merits of the project it represented. Graphics were judged in the categories of architectural delineations, conceptual sketches and sketch books, renderings, presentation drawings, schematic drawings, working drawings, diagrams for built and unbuilt projects and business graphics.

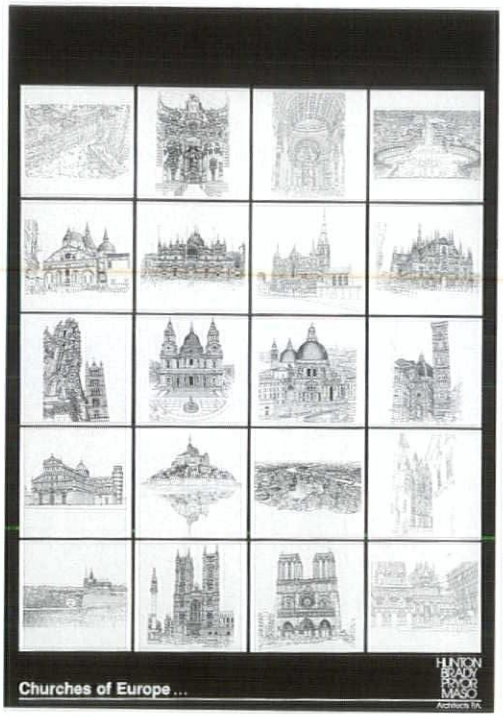
The jury for the 1992 program included Joel Fuller of Pinkhaus Design Corporation in Miami, Thomas A. Spain, Architect, of Miami and Jacques Auger of Jacques Auger Design Associates, Inc. in Coral Gables. The four graphic designs which were premiated are represented here along with the jury's comments.



Goodland Marina
Artist: Andrea Clark Brown, AIA, with Nancy Sanders, Assistant
Category: Sketches/Renderings
Media: Water soluble crayon on watercolor paper using hand and brush blending

Jury: "This is an example of a match between the image and the project. The painting has a similar attitude to the actual building in that it is layered and textural, ambiguous and deliberately surreal..almost Salvador Dali-like."

Photography by: Ed Chappell



Churches of Europe
Artist: Clyde A. Brady, III, FAIA
Hunton Brady Pryor Maso Architects, P.A.
Category: Travel sketches
Media: Rapidograph and ink on board

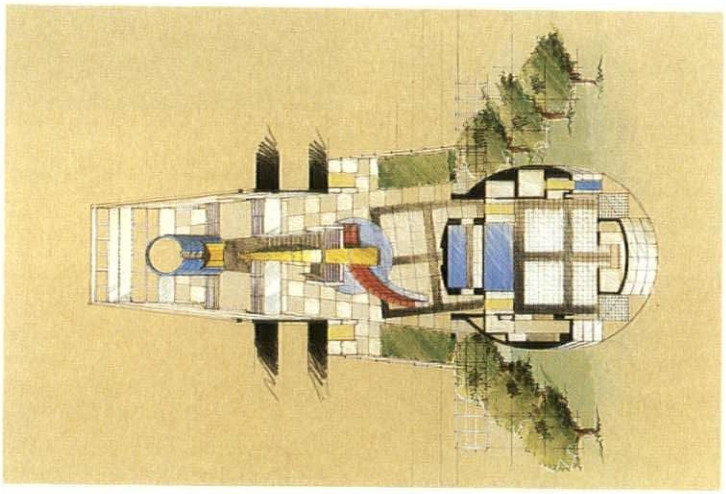
Jury: "Very interesting series of sketches. Admirable draftsmanship and commendable time and energy spent producing this work. Architects should be thinking about marketing graphics like this."

Photography by: Ross-Ehlert

Annual Christmas Poster
Artist: Green Apple Publishing Co., Inc.
Jennifer Campbell, Director
Architects Design Group, Inc.
I.S.K. Reeves, IV, AIA
Category: Printed graphics
Media: Full color commercially printed

Jury: "Good outreach marketing effort in a manner that is untraditional for an architecture firm. The poster does not make it clear what kind of architecture this firm does, but it makes one curious. As an internal tradition, it must help company morale. It looks like a good place to work."

Photography by: BrosiusPhotography



Atrium Studies
Artist: Maurizio J. Maso, AIA, Timothy R. Baker, AIA
Hunton Brady Pryor Maso Architects, P.A.
Owner: Orlando Utilities Commission
Category: Sketches
Media: Marker and prismacolor pencil on yellow tracing paper

Jury: "This technique has a certain natural friendliness. It is loose, not harsh, with an element of abstraction. There is a fine art quality present while still maintaining the architectural detail."

Photography by: Ross-Ehlert

Floridian Style!

The beauty and quality of Vinyl Casement Windows

ALCAN
Alcan Building Products

When your designs call for distinctive casement, single hung or double hung windows, ask for vinyl...the perfect product for the Florida environment.

For information contact:
Tom Thompson, General Sales Manager
813-755-1591

Vinyline
RIGID VINYL WINDOWS & DOORS

Circle 15 on Reader Inquiry Card

ARCHITECTS SHOULD NEVER GET BAD ECHOES ON POOR ACOUSTICS ...

ARCHICOUSTICS inc.

consulting engineers in :

architectural acoustics
noise & vibration control
design of music & entertainment spaces
sound systems design & engineering
lab / field acoustical measurements
community noise surveys

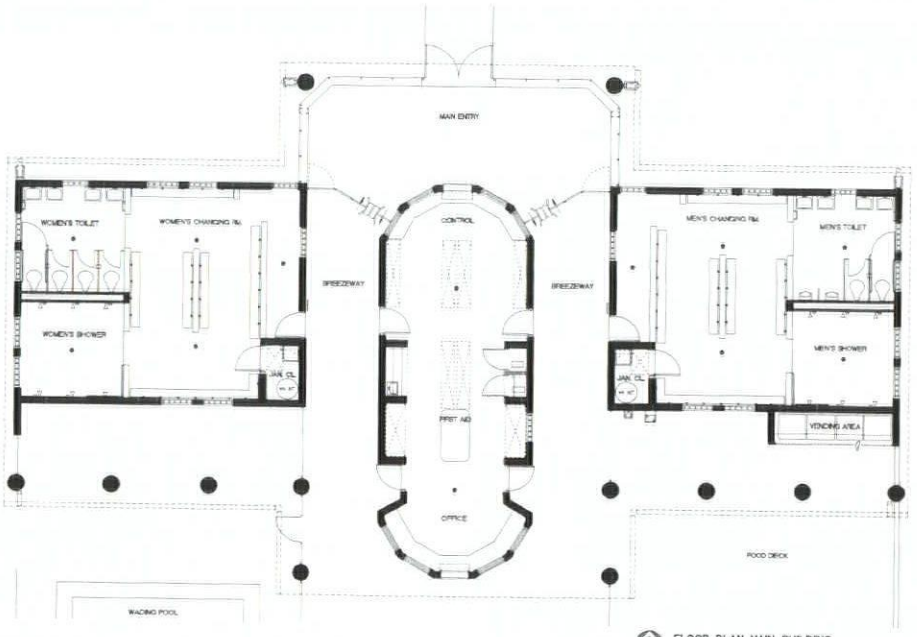
pgh acoustics

12350 SW 132 court, suite 208
Miami, FL 33186
tel : (305) 254 8450
fax : (305) 254 8455

Circle 8 on Reader Inquiry Card

considerable storage space was added. This allowed the Parks and Recreation Department to expand its instructional services and provide storage for various types of recreational equipment.

Since the pool opened, attendance has increased and hours of operation have been extended to accomodate the increased demand. Most important, however, is the fact that the building has helped change a long-standing attitude toward the value of thoughtful design of public recreation buildings.



A Place In The Sun

New Levy Park Swimming Pool Facility Tallahassee, Florida

Architect: Manausa & Lewis Architects, Inc.
Tallahassee, Florida
Principal-in-Charge: C. Trent Manausa, AIA
Project Architect: Randolph G. Lewis, AIA
Project Designer: Lawrence Rubin
Consulting Engineers: Tomlinson & Associates and Copeland Engineers
Contractor: Allstate Construction and Paddock Pools
Owner: City of Tallahassee Parks and Recreation Department

The existing 1950's swimming pool and bathhouse complex was unable to meet accessibility requirements and building code criteria and was therefore demolished by the City of Tallahassee to accomodate a new facility. The client requested a simple block building with a tan and brown color scheme, which had been the city criterion. The architect felt this did not provide the best approach to a stimulating summer respite and one of the major design objectives became the creation of a building which expressed the excitment of childhood.

After convincing the city that a new approach might succeed, the design was realized with children's preferences in mind. This was accomplished by using eye catching colors, rough-textured walls and open breezeways. The designer also endeavored to accomodate adult needs by providing covered spaces for parents along the building edge.

To accomplish the goal of making the building a focal point of summertime water-oriented community activities, the new building and pool were made larger than the original and a classroom building with

Photos by Randy Lovoy

offices which precluded the possibility of an open plan.

The budget prohibited costly finishes, although porcelain tile was utilized in the foyer and public restrooms. Color appeared to be the primary avenue for significant visual impact. False, varied-colored beams undulate in the corridor ceiling and create a procession down to the City Manager's office. Drywall soffits and other inexpensive elements create interest, but at the same time, kept the project within budget. Ceiling tile with a rose tint, purple and silver signage and built-in laminate furniture all work to create a consistent design concept even though the City is revising older furniture in many areas.

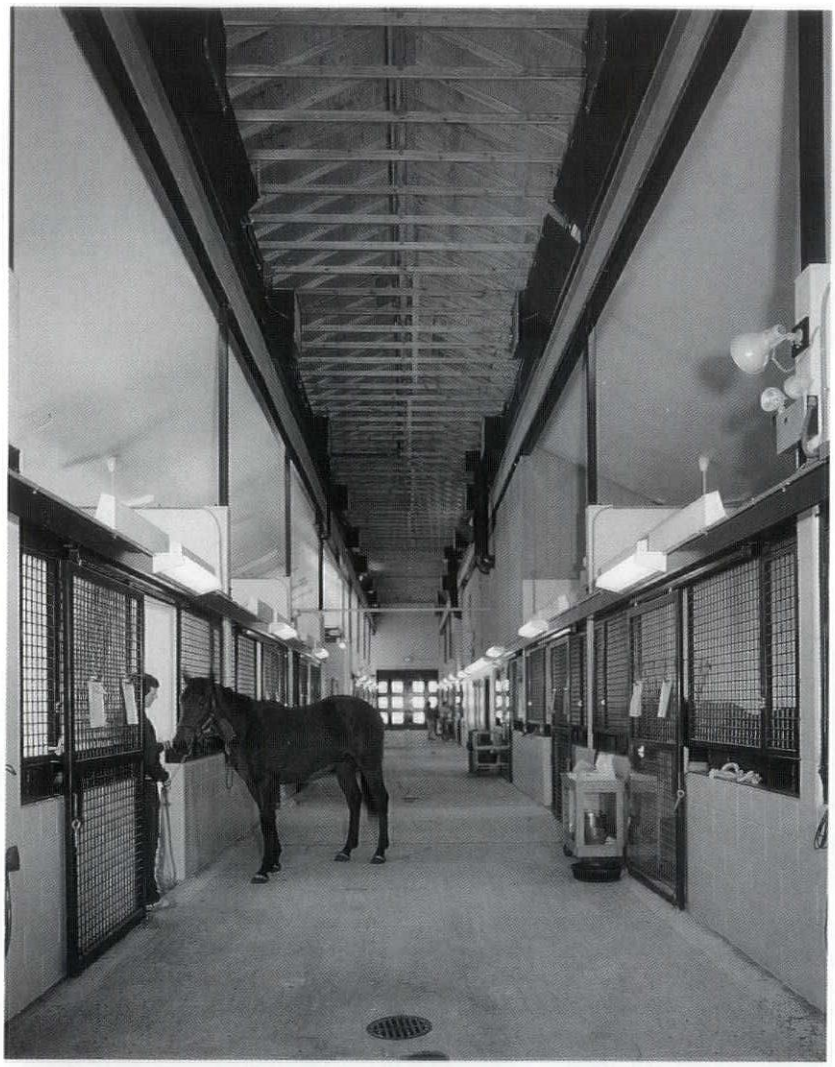
The City Hall's new persona is one which reflects the lightness and informality of this Central Florida seaside community.

Photos, facing page: Before and after renovation. This page, lobby, hall and council chamber. Photos by Linda Dunyan.

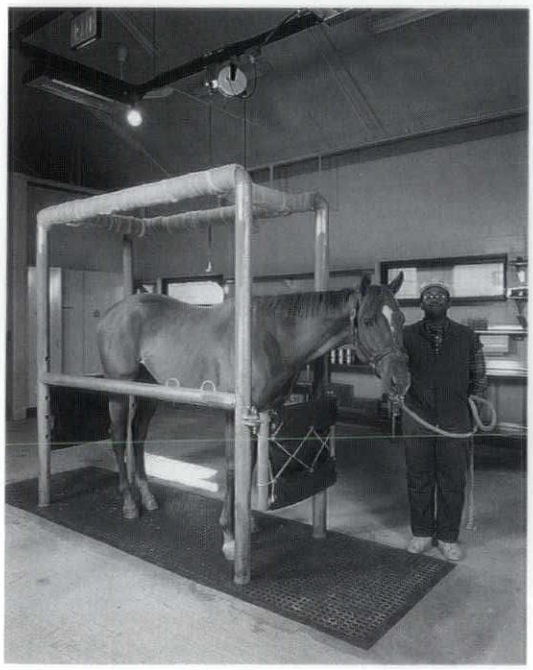
stalls up to the central aisle clerestories. Allowing for future expansion, these components are linked through their centers with central support services perpendicular to the central aisle. Oriented to allow for prevailing breezes, these components can proliferate as required in the future while maintaining controllable natural air changes in each of the stalls.

Durability, sanitation and safety were of prime concern during the process of material selection and detailing. All surfaces and edges are eased to eliminate the possibility of abrasion. Building finishes must withstand regular cleaning with chemicals and high pressure hoses. Floors are nonslip and resilient.

The treatment and care of man's most enobled companion, the horse, and the sensitive training of veterinarians was the driving force of the design. The concept of an inpatient care and training center derived from this premise. The result is man's gift to the horse who can now be cared for with the exactitude of science and the concern deserved of such a noble beast.



Opposite page: *east elevation showing split face block veneer with custom pre-cast quoins. Note the entry doors were customed-designed horizontal sliding doors recessed in a stucco entry.* Photos this page, top: *interior view of central spine showing clerestory for natural ventilation.* Bottom left: *custom designed treatment stock located in the central treatment area.* Right: *interior of stall showing feed/water access door with metal grille to accommodate utilities.* All photos by Kathleen McKenzie.



A City Lightens Up

Architect: Spacecoast Architects, P.A.
Principal-in-Charge/Design Architect: Linda Dunyan, AIA
Project Team: Lawrence Maxwell, AIA, John McCaffrey
Consulting Engineers: Gardner, Griffith & Associates, Inc.
Contractor: P.A.V.C.O. Construction, Inc.
Owner: City of Satellite Beach

The City of Satellite Beach is sandwiched between the Atlantic Ocean and the Banana River south of Cocoa Beach and Patrick Air Force Base. It's still the "old Florida" of low scale, pastel residences and it has a decidedly sleepy ambiance.

The decision to renovate the old library for use as a City Hall was carefully considered. The City already had a completed design for a new police station. That fact, plus the severe recession, tilted the scales in favor of the renovation of the library rather than building a new structure.

With a $350,000 budget, there was a limited amount that could be accomplished on the exterior. Both the 6,000 SF roof of the library and the same size roof on the Civic Center, its sister building in the complex, had to be replaced. Since the interior had to be gutted, it necessitated that the majority of the funding be spend inside. An exterior finish system (including insulation) for both buildings, new storefronts, new window openings and windows, lighted bollard/columns and signage were the only additions to the outside.

The interior layout was driven by the location of existing entries, plumbing lines and mechanical room. The Building and Zoning offices, which were formerly in a separate location, had to be incorporated into the 6,000 SF as did the new council chambers. In addition, City Hall personnel wanted individual